

## Freeform Search

---

<b>Database:</b>	US Pre-Grant Publication Full-Text Database US Patents Full-Text Database US OCR Full-Text Database EPO Abstracts Database JPO Abstracts Database Derwent World Patents Index IBM Technical Disclosure Bulletins
<b>Term:</b>	L35 not (l33 or l32) <div style="float: right; text-align: right;">   </div>
<b>Display:</b>	<div style="display: flex; align-items: center; gap: 10px;"> <div><input type="text" value="10"/> Documents in</div> <div style="border: 1px solid black; padding: 2px 5px;">Display Format:</div> <div style="border: 1px solid black; padding: 2px 5px;">Starting with Number</div> <div><input type="text" value="1"/></div> </div>
<b>Generate:</b> <input type="radio"/> Hit List <input checked="" type="radio"/> Hit Count <input type="radio"/> Side by Side <input type="radio"/> Image	

---

Search

Clear

Interrupt

---

### Search History

---

DATE: Thursday, December 22, 2005    [Printable Copy](#)    [Create Case](#)

<u>Set</u> <u>Name</u>	<u>Query</u>	<u>Hit</u> <u>Count</u>	<u>Set</u> <u>Name</u> <small>result set</small>
<small>side by side</small>			
	<i>DB=USPT,PGPB,JPAB,EPAB; PLUR=YES; OP=OR</i>		
<u>L37</u>	(US-4950520-A)! <u>[did]</u>	1	<u>L37</u>
	<i>DB=EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR</i>		
<u>L36</u>	L35 not (l33 or l32)	26	<u>L36</u>
<u>L35</u>	L34 and (crystal\$6)	30	<u>L35</u>
<u>L34</u>	L31 and l28 and l27	198	<u>L34</u>
<u>L33</u>	L31 and l29 and l27	69	<u>L33</u>
<u>L32</u>	L31 and l30 and l27	10	<u>L32</u>
<u>L31</u>	((optical or laser or information) near5 (medium or media or disk\$1))	228004	<u>L31</u>
<u>L30</u>	((Sra or (surface near2 roughness)) near5 nm)	1577	<u>L30</u>
<u>L29</u>	(sputter\$6 with (kW or W or torr or pa or pascal or atm or mtorr or millitorr))	3730	<u>L29</u>
<u>L28</u>	("(100)" or "<100>" or 100 or 110 or 200 or "(200)" or "(111)" or "110" or 111 or "<200>" or "<111>" or "<110>") with (ag or silver or al or aluminum or aluminium or au or gold)	37680	<u>L28</u>
<u>L27</u>	(reflect\$6 near5 (layer\$1 or film\$1))	84245	<u>L27</u>
	<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR</i>		

<u>L26</u>	L25 and l16	13	<u>L26</u>
<u>L25</u>	L23 same l10	174	<u>L25</u>
<u>L24</u>	L23 with l10	127	<u>L24</u>
<u>L23</u>	l13 with (crystal\$6)	8537	<u>L23</u>
<u>L22</u>	L21 and l14	275	<u>L22</u>
<u>L21</u>	L16.ab.	6720	<u>L21</u>
<u>L20</u>	L19 and l17	874	<u>L20</u>
<u>L19</u>	l3.ab.ti.	258971	<u>L19</u>
<u>L18</u>	L16 and (l12)	28	<u>L18</u>
<u>L17</u>	L16 and (l12 or l15)	942	<u>L17</u>
<u>L16</u>	L10 with l3	12234	<u>L16</u>
<u>L15</u>	L13 same l10	3791	<u>L15</u>
<u>L14</u>	L13 with l10	2491	<u>L14</u>
<u>L13</u>	("(100)" or "<100>" or 100 or 110 or 200 or "(200)" or "(111)" or "110" or 111 or "<200>" or "<111>" or "<110>") with (ag or silver or al or aluminum or aluminium or au or gold)	360470	<u>L13</u>
<u>L12</u>	l10 with ((Sra or (surface near2 roughness)) near5 nm)	80	<u>L12</u>
<u>L11</u>	l10 same ((Sra or (surface near2 roughness)) near5 nm)	158	<u>L11</u>
<u>L10</u>	(reflect\$6 near5 (layer\$1 or film\$1))	196412	<u>L10</u>
<i>DB=JPAB; PLUR=YES; OP=OR</i>			
<u>L9</u>	JP-2003187498-A.did.	1	<u>L9</u>
<u>L8</u>	JP-2003187498-A.did.	1	<u>L8</u>
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR</i>			
<u>L7</u>	us-6924018-\$.did.	2	<u>L7</u>
<i>DB=EPAB; PLUR=YES; OP=OR</i>			
<u>L6</u>	EP-1139340-A2.did.	1	<u>L6</u>
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR</i>			
<u>L5</u>	us-20010036596-\$.did. or us-20010036526-\$.did.	4	<u>L5</u>
<u>L4</u>	L3 same l2	70	<u>L4</u>
<u>L3</u>	((optical or laser or information) near5 (medium or media or disk\$1))	471651	<u>L3</u>
<u>L2</u>	(sputter\$6 with (kW or W)) same (ag or silver or al or aluminum or aluminium or au or gold)	3408	<u>L2</u>
<u>L1</u>	(projections with nm) and ((Sra or (surface near2 roughness)) near5 nm)	327	<u>L1</u>

END OF SEARCH HISTORY

## Freeform Search

---

<b>Database:</b>	<div style="border: 1px solid black; padding: 2px;">         US Pre-Grant Publication Full-Text Database          US Patents Full-Text Database          US OCR Full-Text Database          EPO Abstracts Database          JPO Abstracts Database          Derwent World Patents Index          IBM Technical Disclosure Bulletins       </div>
<b>Term:</b>	<div style="border: 1px solid black; padding: 2px;">         L35 not (l33 or l32)       </div>
<b>Display:</b>	<div style="border: 1px solid black; padding: 2px;">         10 Documents in Display Format: - Starting with Number 1       </div>
<b>Generate:</b> <input type="radio"/> Hit List <input checked="" type="radio"/> Hit Count <input type="radio"/> Side by Side <input type="radio"/> Image	

---

Search

Clear

Interrupt

---

### Search History

---

 DATE: Thursday, December 22, 2005    [Printable Copy](#)    [Create Case](#)

<u>Set</u> <u>Name</u>	<u>Query</u>	<u>Hit</u> <u>Count</u>	<u>Set</u> <u>Name</u> result set
side by side			
	DB=USPT,PGPB,JPAB,EPAB; PLUR=YES; OP=OR		
<u>L37</u>	(US-4950520-A)! <u>[did]</u>	1	<u>L37</u>
	DB=EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR		
<u>L36</u>	L35 not (l33 or l32)	26	<u>L36</u>
<u>L35</u>	L34 and (crystal\$6)	30	<u>L35</u>
<u>L34</u>	L31 and l28 and l27	198	<u>L34</u>
<u>L33</u>	L31 and l29 and l27	69	<u>L33</u>
<u>L32</u>	L31 and l30 and l27	10	<u>L32</u>
<u>L31</u>	((optical or laser or information) near5 (medium or media or disk\$1))	228004	<u>L31</u>
<u>L30</u>	((Sra or (surface near2 roughness)) near5 nm)	1577	<u>L30</u>
<u>L29</u>	(sputter\$6 with (kW or W or torr or pa or pascal or atm or mtorr or millitorr))	3730	<u>L29</u>
<u>L28</u>	("(100)" or "<100>" or 100 or 110 or 200 or "(200)" or "(111)" or "110" or 111 or "<200>" or "<111>" or "<110>") with (ag or silver or al or aluminum or aluminium or au or gold)	37680	<u>L28</u>
<u>L27</u>	(reflect\$6 near5 (layer\$1 or film\$1))	84245	<u>L27</u>
	DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR		

<u>L26</u>	L25 and l16	13	<u>L26</u>
<u>L25</u>	L23 same l10	174	<u>L25</u>
<u>L24</u>	L23 with l10	127	<u>L24</u>
<u>L23</u>	l13 with (crystal\$6)	8537	<u>L23</u>
<u>L22</u>	L21 and l14	275	<u>L22</u>
<u>L21</u>	L16.ab.	6720	<u>L21</u>
<u>L20</u>	L19 and l17	874	<u>L20</u>
<u>L19</u>	l3.ab,ti.	258971	<u>L19</u>
<u>L18</u>	L16 and (l12)	28	<u>L18</u>
<u>L17</u>	L16 and (l12 or l15)	942	<u>L17</u>
<u>L16</u>	L10 with l3	12234	<u>L16</u>
<u>L15</u>	L13 same l10	3791	<u>L15</u>
<u>L14</u>	L13 with l10	2491	<u>L14</u>
<u>L13</u>	("(100)" or "<100>" or 100 or 110 or 200 or "(200)" or "(111)" or "110" or 111 or "<200>" or "<111>" or "<110>") with (ag or silver or al or aluminum or aluminium or au or gold)	360470	<u>L13</u>
<u>L12</u>	l10 with ((Sra or (surface near2 roughness)) near5 nm)	80	<u>L12</u>
<u>L11</u>	l10 same ((Sra or (surface near2 roughness)) near5 nm)	158	<u>L11</u>
<u>L10</u>	(reflect\$6 near5 (layer\$1 or film\$1))	196412	<u>L10</u>
<i>DB=JPAB; PLUR=YES; OP=OR</i>			
<u>L9</u>	JP-2003187498-A.did.	1	<u>L9</u>
<u>L8</u>	JP-2003187498-A.did.	1	<u>L8</u>
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR</i>			
<u>L7</u>	us-6924018-\$.did.	2	<u>L7</u>
<i>DB=EPAB; PLUR=YES; OP=OR</i>			
<u>L6</u>	EP-1139340-A2.did.	1	<u>L6</u>
<i>DB=PGPB,USPT,USOC,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=OR</i>			
<u>L5</u>	us-20010036596-\$.did. or us-20010036526-\$.did.	4	<u>L5</u>
<u>L4</u>	L3 same l2	70	<u>L4</u>
<u>L3</u>	((optical or laser or information) near5 (medium or media or disk\$1))	471651	<u>L3</u>
<u>L2</u>	(sputter\$6 with (kW or W)) same (ag or silver or al or aluminum or aluminium or au or gold)	3408	<u>L2</u>
<u>L1</u>	(projections with nm) and ((Sra or (surface near2 roughness)) near5 nm)	327	<u>L1</u>

END OF SEARCH HISTORY

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2487	kawakubo.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/22 14:38
L2	16	I1 and (("450" or "380" or "390" or "480") near5 nm)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/22 14:42
L3	50	berneth.in. and (("405" or "450" or "380" or "390" or "480") near5 nm)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/22 14:55
L4	39	I3 and @ad<"20020822"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/22 14:56
L5	1247	((optical or laser or information) near5 (medium or media or disk\$1 or disc\$1)) same ((adhesion or primer or underlayer) with (substrate or support))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/22 14:51
L6	88	I5 and (("405" or "450" or "380" or "390" or "480") near5 nm)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/22 14:55
L7	43	I6 and @ad<"20020822"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/12/22 14:56